Brocchi, G., 51. Brongniart, Alexandre, 365. Bryson, A., 464.

Buckland, W., 413, 415, 447. Buch, L. von, 242; lineage and education, 245; his first geological work, 246; VISITS Auvergne and abandons Wernerian doctrine of the aqueous origin of basalt, 246; his account of Auvergne, 247; his investigations in Scandinavia, 250; on recent uprise of Scandinavia, 251; his geological map of Germany, 251; his extensive travels, 252; his personal appearance and habits, 253; opposes glacial geology,

Buffalo, fossil, of Siberia, 179. Buffon, G. L. Leclerc de, 88; his *Theory of the Earth*, 89;

447.

his Epoques de la Nature, 90, 140, 193; on "days" of Creation, 91; on earliest mountains and valleys, 92, 94; on first beginnings of life, 92; on origin of volcanoes, 93; on age of the earth, 95, 96; on denudation, 94, 95; on final extinction of the earth by cold, 95; his literary skill, 96.

Burnet, Thomas, his Sacred Theory, 66, 90.

Cambrian system, established by Sedgwick, 426; zonal stratigraphy applied to, 441.

Cardano on fossil shells, 51.

Cartography, history of geological, 77, 111, 115.

Cataclysmists or Catastrophists, 374, 472.

Catherine II., Empress of Russia, 176.

Cesalpino on fossils, 53.

Chalk, fusion experiments on, 324; Cuvier and Brongniart on the, 368; zonal stratigraphy applied to, 441.

Chambers, R., 448.

Charpentier, T. von, 442, 443. Charpentier, J. F. W., 452.

Childrey's Britannia Baconica, 113. Chronology, geological, determined by fossils, 336.

Church, influence of the, on geological speculation, 44, 64,

65, 73, 97.

Clerk, John, of Eldin, 285, 288, 316.

Condorcet on Guettard, 105, 107, 109, 137.

Conybeare and Phillips' Geology of England, 108, 265, 399, 402.

Cook, voyages of Captain, 172, 176. Cosmogonies, origin of popular, 6, 65.

Cosmogonists, rise of the English 65; French—Descartes, 79; Leibnitz, 81; De Maillet, 84; Buffon, 88.

Coupé, 344.

Cretaceous system, zonal stratigraphy applied to, 441.

"Crystallite" of Sir James Hall, 320.

Cunningham, R. Hay, 331. Cuvier, on Scheuchzer's supposed fossil man, 100; on Guettard, 107; on Desmarest, 142, 143, 145, 171; on De Saussure, 183, 308; on Werner, 207, 234, 235, 237; on granite, 308; birth and early career of, 363; becomes Professor of Comparative Anatomy, 364; on extinct vertebrates, 364; his services to geology, 372, 401; his doctrine of catastrophes, 373; becomes Perpetual Secretary of the Institute of France, 376.